

Claims

1. Bone screw (1) with a head part (2), a shaft (3) and a longitudinal axis (9), characterized in that the shaft (3) comprises a proximal section (5), adjoining the head part (2) and a distal section (7), which is fastened thereto by means of a cardan or cardan-like joint (6) for introduction into the bone and is provided at least partially with an external thread (4).

2. The bone screw (1) of claim 1, characterized in that the cardan joint (6) consists of a classical universal joint.

3. The bone screw (1) of claim 1, characterized in that the cardan-like joint (6) comprises a ball joint with a ball head (20), which has a polygonal, preferably octagonal cross section and a ball socket (21) which is suitable for accommodating the cross section of the ball head (20).

4. The bone screw (1) of one of the claims 1 to 3, characterized in that it has several cardan or cardan-like joints (6).

5. The bone screw of one of the claims 1 to 4, characterized in that it has a continuous cannulation (10), which extends coaxially with the longitudinal axis (9).

6. The bone screw of one of the claims 1 to 5, characterized in that the length of the shaft (3), formed from the sum of the two length of the proximal section (5) and the distal section (7), is constant

7. The bone screw of one of the claims 1 to 6, characterized in that the proximal section (5) is also provided at least partially with an external thread (11).

8. The bone screw of one of the claims 1 to 7, characterized in that it is constructed to be self-cutting and/or self-drilling.

9. The bone screw of one of the claims 1 to 8, characterized in that the deflection of the joint (6) is limited preferably to a maximum of 90° .

10. The bone screw of one of the claims 3 to 8, characterized in that the deflection of the joint (6), constructed as a ball joint, is limited preferably to a maximum of 30° .